

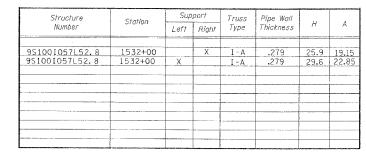
	00111	11101 1101 303		
F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	WILLIAMSON	917	756
STA.		TO STA.		
FED. ROA	D DIST. NO. IL	LINOIS FED. AID	PROJECT	

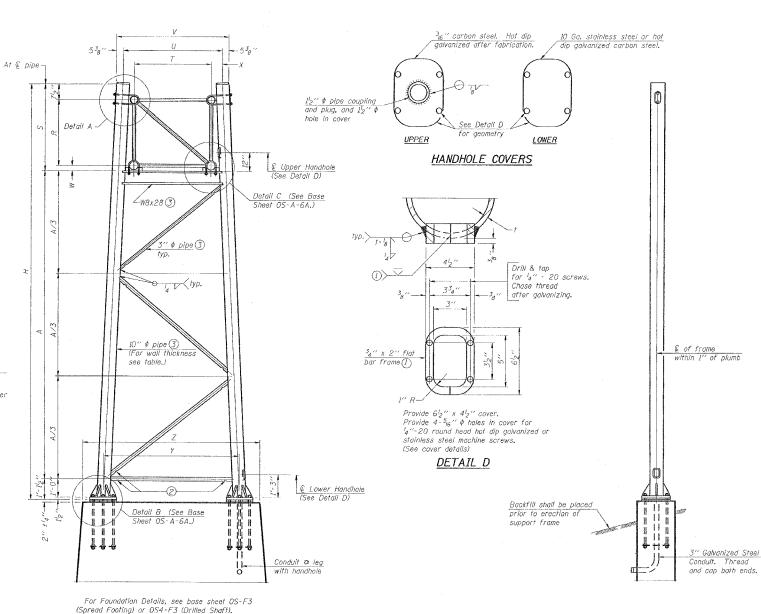
\* I-57, & OLD IL 13 (FAU 9629) \* \* (X1-6-2)VB-2,(X1-6)HBK-2

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.

Load combinations checked include deadload plus: a) 100% wind normal to sign, 20% parallel to sign b) 60% wind normal to sign, 30% parallel to sign

- (i) In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 µin or less.
- ② Galvanizing vent hales of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- (3) Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS·A-1.
- 4) See General Notes for fasteners.
- (5) Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.





10" Ø PIPE TRUSS SUPPORT FRAME

Truss					Dimensions	:			
Туре	R	5	T.	U	V	W	X	Υ	Z
I- A	4'-6''	5'-5'2''	4'-0"	5'-6''	6'-434"	4''	9"	8'-3"	10'-9"
II- A (5)	5'-3"	6'-34"	4'-6"	6'-1"	6'-1134"	434"	95"	8'-3"	10:-9"

1	0-34	4 -0	6-1	0 - 11-4	4-4	92	83	10:-9
_						L		

END ELEVATION

PLDs. fbTE = 18/12/2808 PLDs. fbTE = 10/12/2808 PLDT SCALE = 56/2808 // IN. USER NAME = headen

**OS-A-6** 1-7-05

34'' \$\phi\$ stainless steel U-bolt.
Provide two washers and two

14" cap plate

hexagon locknuts. 4  $^{13}$ <sub>16</sub>  $^{\prime\prime}$  x 2 $^{\prime\prime}$  slots on 2 10 $^{\prime\prime}$  4 pipe. 4 slots required per pipe)

DETAIL A

4-1<sub>2</sub>" ¢ Galv. Bolts (ASTM A307)

SECTION A - A

As an alternate to boits, may use galvanized drive-fit caps installed after galvanizing frame.

3" wide - 10 Ga.
bent stainless steel
cover plate with two

SECTION B-B

13 " o holes

at 90° intervals. Install after

aalvanizina frame.

at 90° intervals welded to pipe.

"D" = Outside

SIDE ELEVATION

Chase threads after galvanizing frame.

SCALE: VERT. NONE HORIZ. DATE

DRAWN BY CNH CHECKED BY

ILLINOIS DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME for ALUMINUM TRUSS